

1595G

- acid, esters, mono(1-ethyl-1-methyl-2-propenyl) ester [131-67-9]
- Methalpropalin**  
See Benzenamine, *N*-(2-methyl-2-propenyl)-2,6-dinitro-*N*-propyl-4-(trifluoromethyl)- [57801-46-4]
- Methalthiazide**  
See 2*H*-1,2,4-Benzothiadiazine-7-sulfonamide, 6-chloro-3,4-dihydro-2-methyl-3-(2-propenylthio)methyl-, 1,1-dioxide [5611-64-3]
- Metham**  
See Carbamodithioic acid, methyl- [144-54-7]
- Methamidophos**  
See Phosphoramidothioic acid, *O,S*-dimethyl ester [10265-92-6]
- Methamilane maleate**  
See 1,3-Dioxolane-4-methanamine, *N,N*,2-trimethyl-, (2*Z*)-2-butenedioate (1:1) [22199-72-0]
- Methaminodiazepoxide hydrochloride**  
See 3*H*-1,4-Benzodiazepin-2-amine, 7-chloro-*N*-methyl-5-phenyl-, 4-oxide, monohydrochloride [438-41-5]
- Methamizole**  
See Methanesulfonic acid, [(2,3-dihydro-1,5-dimethyl-3-oxo-2-phenyl-1*H*-pyrazol-4-yl)methylamino]- [50567-35-6]
- Methamphetamine**  
See Benzenethanamine, *N*, $\alpha$ -dimethyl-, (*αS*)- [537-46-2]
- Methamphetamine sulfate**  
See Benzenethanamine, *N*, $\alpha$ -dimethyl-, (*αS*)-, sulfate (2:1) [28297-73-6]
- Methaphocin**  
See Amphoterin B, 3'-deamino-3'-(trimethylammonio)-, methyl ester [69234-88-4]
- Methapyrone**  
See Methanesulfonic acid, [(2,3-dihydro-1,5-dimethyl-3-oxo-2-phenyl-1*H*-pyrazol-4-yl)methylamino]-, sodium salt [68-89-3]
- Methanal**  
See Formaldehyde [50-00-0]
- Methanalsulfoxylic acid**  
See Methanesulfonic acid, hydroxy- [79-25-4]
- Methanamine** [74-89-5]  
Methanamine derivatives containing higher functions are indexed at names that express the higher functions, e.g., Glycine; Phenol, 3-(aminomethyl)-. When the methanamine carbon atom is attached directly by a single bond to a ring, a conjunctive name is employed, e.g., 1-Piperidinemethanamine,  $\alpha$ -propyl-. *N*-Substituted methanamine derivatives will often be found at other (more preferred) amine names, e.g., Benzenamine, *N*-methyl-; Boranamine, *N,N*-dimethyl-. See also notes at Amines and Ethanamine
- Methanamine** [74-89-5], compounds  
Specific coordination compounds containing the methanamine ligand are indexed only at the coordination headings, e.g., Platinum, diiodobis(methanamine)-, (SP-4-1)- [16580-93-1]. Nonspecific coordination compounds containing this ligand are indexed here and at the element headings. Specific coordination compounds containing other ligands derived from methylamine, e.g., the anionic ligand, are indexed here as well as at the specific coordination headings
- Methanamine**  
—, *N,N,N'*-arsylidynetris-  
See Arsenous triamide, *N,N,N'*-trimethyl- [33448-85-0]  
—, *N,N*-bis(ethylseleno)-  
See Ethaneselenamide, *N*-(ethylseleno)-*N*-methyl- [14085-92-8]  
—, *N*-boryl-  
See Boranamine, *N*-methyl- [6601-31-6]  
—, *N,N'*-borylenebis-  
See Boranediimine, *N,N'*-dimethyl- [14755-20-5]  
—, *N,N,N'*-borylidynetris-  
See Boranetriamine, *N,N,N'*-trimethyl- [7397-44-6]  
—, *N,N*-dibutyl-  
See 1-Butanamine, *N*-butyl-*N*-methyl- [3405-45-6]  
—, *N*-(dichloromethylene)-  
See Carbonimidic dichloride, methyl- [5652-90-4]  
**Methanamine, *N,N*-dimethyl-**  
[75-50-3], compounds  
Specific coordination compounds containing the *N,N*-dimethylmethanamine ligand are indexed only at the coordination headings, e.g., Chromium, trichlorobis(*N,N*-dimethylmethanamine)- [19630-16-1]. Nonspecific coordination compounds containing this ligand are indexed here and at the element headings. Specific coordination compounds containing other ligands derived from trimethylamine, e.g., the anionic ligand, are indexed here as well as at the specific coordination headings
- Methanamine**  
—, 1,1-diphenyl-  
See Benzenemethanamine,  $\alpha$ -phenyl- [91-00-9]  
—, *N,N*-disilyl-  
See Silanamine, *N*-methyl-*N*-silyl- [4459-06-7]  
—, *N*-ethyl-*N*-methyl-  
See Ethanamine, *N,N*-dimethyl- [598-56-1]  
—, *N*-(ethylselenyl)-  
See Ethaneselenamide, *N*-methyl- [33446-36-5]  
—, *N*-germyl-  
See Germanamine, *N*-methyl- [33448-86-1]  
—, *N*-methyl-  
compd. with carbon dioxide (9:5) — see also Carbamic acid, dimethyl-, compd. with *N*-methylmethanamine (1:1) [4137-10-4]  
**Methanamine, *N*-methyl-** [124-40-3], compounds  
Specific coordination compounds containing the *N*-methylmethanamine ligand are indexed only at the coordination headings, e.g., Mercury(1+), methyl(*N*-methylmethanamine)- [54446-01-4].

- Nonspecific coordination compounds containing this ligand are indexed here and at the element headings. Specific coordination compounds containing other ligands derived from dimethylamine, e.g., the anionic ligand, are indexed here as well as at the specific coordination headings
- Methanamine**  
—, 1-(phenylazo)-1-(phenylhydrazono)-  
See Diazenecarboximidic acid, 2-phenyl-, 2-phenylhydrazide [4381-88-8]  
—, *N,N'*-phosphinidenebis-  
See Phosphonous diamide, *N,N'*-dimethyl- [33446-38-7]  
—, *N*-phosphino-  
See Phosphinous amide, *N*-methyl- [33446-37-6]  
—, *N,N'*-phosphinylidenebis-  
See Phosphonic diamide, *N,N'*-dimethyl- [33609-93-7]  
—, *N,N,N'*-phosphoranylidynetris-  
See Phosphoranetriamine, *N,N,N'*-trimethyl- [33609-94-8]  
—, *N,N,N'*-silylanetetrayltetrakis-  
See Silanetriamine, *N,N,N',N''*-tetramethyl- [131978-09-3]  
—, *N*-silyl-  
See Silanamine, *N*-methyl- [27793-86-8]  
—, *N,N*-silylenebis-  
See Silanediimine, *N,N'*-dimethyl- [33446-39-8]  
—, *N,N,N'*-silylidynetris-  
See Silanetriamine, *N,N,N'*-trimethyl- [33446-40-1]  
—, *N*-stannyl-  
See Stannamine, *N*-methyl- [6706-32-7]  
—, *N,N*-sulfonidylbis-  
See Sulfurous diamide, *N,N'*-dimethyl- [33446-42-3]  
—, *N,N*-sulfonidylbis-  
See Sulfamide, *N,N'*-dimethyl- [22504-72-9]  
—, *N,N*-thiobis[*N*-methyl-  
See Sulfoxylic diamide, tetramethyl- [2129-20-6]  
—, *N*,1,1-triphenyl-  
See Benzenemethanamine, *N*, $\alpha$ -diphenyl- [1865-12-9]  
—, 1,1,1-tris(hydroxymethyl)-  
See 1,3-Propanediol, 2-amino-2-(hydroxymethyl)- [77-86-1]  
**Methanaminium**  
Methanaminium derivatives containing quaternizing groups larger or more preferred than methyl are indexed at the appropriate headings, e.g., Benzenaminium, *N,N*-diethyl-*N*-methyl-, chloride. Conjunctive methanamine names (see note at Methanamine) afford corresponding quaternary headings, e.g., 2-Quinolinemethanaminium, *N*-hexadecyl-*N,N*-dipropyl-, bromide. See also note at Quaternary ammonium compounds  
—, *N*-9*H*-benzo[*a*]phenoxazin-9-ylidene-*N*-methyl-  
See Benzo[*a*]phenoxazin-7-ium, 9-(dimethylamino)- [48188-39-2]  
**Methanation**  
See also related:  
Fuel gas manufacturing  
Methanation catalysts  
Methanation kinetics  
**Methanation catalysts**  
See also related: Methanation  
**Methanation kinetics**  
See also related: Methanation  
**Methandienone**  
See Androsta-1,4-dien-3-one, 17-hydroxy-17-methyl-, (17 $\beta$ ) [72-63-9]  
**Methandion**  
See Androsta-1,4-dien-3-one, 17-hydroxy-17-methyl-, (17 $\beta$ ) [72-63-9]  
**Methandiol**  
See Androst-5-ene-3,17-diol, 17-methyl-, (3 $\beta$ , 17 $\beta$ ) [521-10-8]  
**Methandrolone**  
See Androsta-1,4-dien-3-one, 17-hydroxy-17-methyl-, (17 $\beta$ ) [72-63-9]  
**Methandrostenolone**  
See Androsta-1,4-dien-3-one, 17-hydroxy-17-methyl-, (17 $\beta$ ) [72-63-9]  
**Methane**  
See also  
Methylene group  
Methyl group  
Natural gas  
Natural gas  
Natural gas  
Methyl [2229-07-4]  
Methylene [2465-56-7]  
Methylidyne [3315-37-5]  
ions  
see also  
Methyl [2229-07-4]  
ions  
Methylene [2465-56-7]  
ions  
Methylidyne [3315-37-5]  
ions  
labeled  
see also such headings as  
Methane-d [676-49-3]  
Methane-d<sub>2</sub> [676-80-2]  
Methane-1 [676-51-7]  
Methane-14C [2772-68-1]  
**Methane** [74-82-8], compounds  
Specific coordination compounds containing the methyl ligand are indexed only at the coordination headings, e.g., Mercury, methyl(nitrate)-O- [2374-27-8]. Nonspecific coordination compounds containing this ligand are indexed here and at the element headings. Specific coordination compounds containing other ligands derived from methane are indexed here as well as at the specific coordination headings

Methane

- , arso-  
See Arsorane, methylidioxo- [4431-17-8]  
—, bis[2-(2-butoxyethoxy)ethoxy]-  
See 5,8,11,13,16,19-Hexaoxatricoseane [143-29-3]  
—, bis(ethoxymethoxy)-  
See 3,5,7,9-Tetraoxaundecane [4431-82-7]  
—, bis(2-methoxyethoxy)-  
See 2,5,7,10-Tetraoxaundecane [4431-83-8]  
—, bis(methoxymethoxy)-  
See 2,4,6,8-Tetraoxanonane [13353-03-2]  
—, bis(methoxymethoxy)methoxy)-  
See 2,4,6,8,10,12-Hexaoxatridecane [13352-76-6]  
—, bis[(methoxymethoxy)methoxy)methoxy)-  
See 2,4,6,8,10,12,14,16-Octaoxaheptadecane [13353-04-3]  
—, bis(2-propenyloxy)methoxy)-  
See 4,6,8,10-Tetraoxatrideca-1,12-diene [5650-23-7]  
—, bis(propoxymethoxy)-  
See 4,6,8,10-Tetraoxatridecane [4478-22-2]  
—, cesiotriphenyl-  
See Cesium, (triphenylmethyl)- [733-89-1]  
—, cyano-  
See Acetonitrile [75-05-8]  
—, cyclopropylphenyl-  
See Benzene, (cyclopropylmethyl)- [1667-00-1]  
—, diamino-  
See Methanediimine [2372-88-5]  
—, diazo-  
See also 3*H*-Diazirine [157-22-2]  
—, dicyano-  
See Propanedinitrile [109-77-3]  
—, di-9*H*-fluoren-9-ylphenyl-  
See 9*H*-Fluorene, 9'-(phenylmethylene)bis- [4378-63-6]  
—, diphenylene-  
See 9*H*-Fluorene [86-73-7]  
—, ethoxy-  
See Ethane, methoxy- [540-67-0]  
—,  $\beta$ -D-glucopyranosyl-  
See D-glycero-D-gulo-Heptitol, 2,6-anhydro-1-deoxy- [3736-34-3]  
—, lithiotriphenyl-  
See Lithium, (triphenylmethyl)- [733-90-4]  
—, 4,5-phenanthrylene-  
See 4*H*-Cyclopenta[def]phenanthrene [203-64-5]  
—, (phenylazo)-  
See Diazene, methylphenyl- [4406-66-0]  
—, selenobis-  
See also Diselenide, dimethyl [7101-31-7]  
**Methane, sulfonylbis-** [67-68-5], compounds  
Specific coordination compounds containing the sulfonylbis(methane) ligand are indexed only at the coordination headings, e.g., Nickel, bis[2,4-pentanedionato-*O,O'*bis(sulfonylbis(methane))-O]- [35668-31-6]; Palladium, dichlorobis(sulfonylbis(methane))-S]- [15274-32-5]. Nonspecific coordination compounds containing this ligand are indexed here and at the element headings. Specific coordination compounds containing other ligands derived from dimethyl sulfoxide, e.g., the anionic ligand, are indexed here as well as at the specific coordination headings  
compd. with chlorotrimethylstannane (1:1) — see Tin, chlorotrimethyl(sulfonyl-kO)bis(methane)- [14039-30-6]  
**Methane**  
—, triphenyl-  
cesium deriv. — see Cesium, (triphenylmethyl)- [733-89-1]  
—, lithium deriv. — see Lithium, (triphenylmethyl)- [733-90-4]  
—, sodium deriv. — see Sodium, (triphenylmethyl)- [4303-71-3]  
—, tris[2-(hexyloxy)ethyl)sulfonyl]-  
See 7,15-Diaca-10,12-dithiaheicosane, 11-[(2-hexyloxy)ethyl)sulfonyl]-, 10,10,12,12-tetraoxide [3022-06-8]  
**Methaneazobenzene**  
See Diazene, methylphenyl- [4406-66-0]  
**Methaneazobutane**  
See Diazene, butylmethyl- [4426-46-4]  
**Methaneazocyclohexane**  
See Diazene, cyclohexylmethyl- [4441-54-7]  
**Methaneazothane**  
See Diazene, ethylmethyl- [3880-48-6]  
**Methaneazothene**  
See Diazene, ethenylmethyl- [7316-88-3]  
**Methaneazo-1'-propane**  
See Diazene, methylpropyl- [3742-54-9]  
**Methaneazopropene**  
See Diazene, methyl-1-propenyl- [4663-26-7]  
**Methanecarbonitrile**  
See Acetonitrile [75-05-8]  
**Methanecarboxamide**  
See Acetamide [60-35-5]  
**Methanecarboxylic acid**  
See Acetic acid [64-19-7]  
**Methanedicarboxylic acid** [141-82-2]  
See Propanedioic acid [141-82-2]  
**Methanedigermanonic acid**  
See Germane, methylenebis(hydroxyazo)- [4371-12-4]  
**Methanediimine**  
—, benzoyl-  
See Benzanide, *N*-carbonimidoyl- [25410-16-6]  
—, bis(ethoxysilyl)-  
See Silanamine, *N,N'*-methanetetraylbis(1-ethoxy)- [4543-34-4]  
—, carboxy-  
See Carbamic acid, carbonimidoyl- [4464-05-5]  
—, dibenzoyl-  
See Benzanide, *N,N'*-methanetetraylbis- [25410-17-7]  
—, (difluorophosphinethioyl)(trimethylsilyl)-  
See Phosphoramidothioic difluoride, (trimethylsilyl)carbonimidoyl- [20457-87-8]  
—, digalactopyranosyl-  
See Galactopyranosylamine, *N,N'*-methanetetraylbis- [10592-23-1]